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INTERNATIONAL SEARCH REPORT

International application No.

	PCT/USO5/03957
A. CLASSIFICATION OF SUBJECT MATTER IPC(7) : G01R 29/22,27/05; G01L 25/00 US CL : 324/710, 727; 73/1.15,1.08 According to International Patent Classification (IPC) or 10 both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) U.S.: 324/710, 727, 601, 527; 73/1.15, 1.08, 1.38, 1.82; 330/51, 127-142, 2, 174 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched	
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)	
C. DOCUMENTS CONSIDERED TO BE RELEVANT	
and indication where any	rowring of the relevant pussages Relevant to claim No.
Category * Citation of document, with indication, where app	1-11, 13-19, 21-33,
Y · US 5447051 (Hanks et al.) 5 Sept 1995, col 13 and fig Y · US 5205151 (Shimamura et al.) 27 April 1993 col 8 i	and 35-40 line 10-14 and figure 5 and 35-40
Y / US 5832412 (Guez.) 3 November 1998, claim 4 and fi	4 10 27
Y , US 3924456 Vahuviolos 9 December 1975, figure 3,	1 0 100
Y US 5753793 (Lindahl et al.) 19 May 1998. Col 1 line	20 4 40
Y US 5734596 (Medelius)31 March 1998, abstract and	col 1
A / US 3786348 (Lyms) 15 January 1974	1-40
Further documents are listed in the continuation of Bax C.	See patent family annex.
### Brecial categories of civel documents: ###################################	
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special remod (as specified) "O" document referring to an oral discinator, use, exhibition or other means	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"P" document telefting to be seen international filing date but later than the priority date chimed	و و و و در الله عليه الله و
Date of the actual completion of the international search	Date of mailing of the international search report
19 July 2005 (19.07.2005) Name and mailing address of the ISA/US Mail Step PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450	Authorized officer fysica Deul Zon Eddie Lefkowitz Telephone No. 571-272-2180

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